

PROSTHETIC DEVICE FOR JOINTS

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Inventor(s):

Applicant(s):

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A61F2/30; A61F2/42; A61F2/00; A61F2/02; A61F2/44; (IPC1-7): A61F2/30; A61F2/42

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Priority number(s): WO1997SE00093 19970122; SE19960000220 19960122

Also published as:

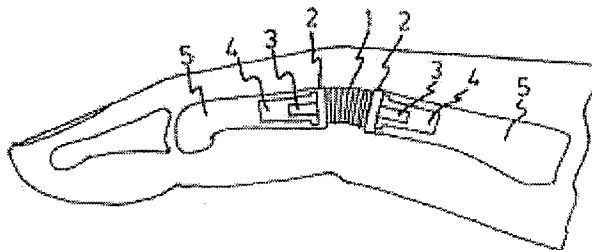
 WO9726846 (A1)
 US6342076 (B1)
 SE9600220 (L)
 SE9600220 (L)
 SE510125 (C2)

more >>

Abstract not available for JP 2000503865 (T)

Abstract of corresponding document: **WO 9726846 (A1)**

A prosthetic device for joints for implantation in humans and animals is disclosed, comprising a joint body (1) arranged between two fixing elements which are adapted to be connected to adjoining bone parts (5), the joint body (1) comprising at least one essentially helical spring means, and the ends of each spring means being connected to the fixing elements.



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(19) 日本国特許庁 (J P)

(12) 公表特許公報 (A)

(11) 特許出願公表番号
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(P2000-503865A)

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2/42		2/42	

審査請求 未請求 予備審査請求 有 (全 24 頁)

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(87) 国際公開番号 W O 9 7 / 2 6 8 4 6
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(32) 優先日 平成8年1月22日 (1996.1.22)
(33) 優先権主張国 スウェーデン (S E)

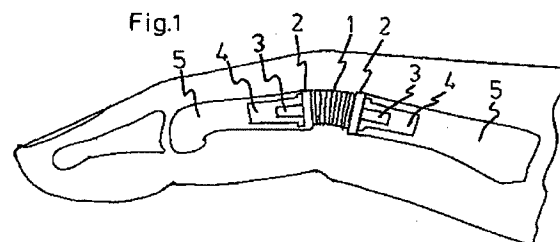
(71) 出願人 ハンデベロブ アクチボラゲット
スウェーデン国エス-240 13 ゲナルブ,
ブヨルンストルプ, オネスロブ 16
(72) 発明者 ルンドボルグ, ゴーラン
スウェーデン国 エス-240 13 ゲナル
ブ, ブヨルンストルプス パイ
(74) 代理人 弁理士 浅村 皓 (外3名)

最終頁に続く

(54) 【発明の名称】 関節用補綴装置

(57) 【要約】

人および動物に移植するための関節用補綴装置が開示され、隣接する骨部 (5) に結合するようにされた二つの固定要素の間に配設された関節本体 (1) を含み、この関節本体 (1) が少なくとも一つの本質的にコイル状のばね装置を含み、各ばね装置の端がこれらの固定要素に結合されている。



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A grid of 20 rows of dots for handwriting practice. The first row has 26 dots, and the subsequent 19 rows have 25 dots each.

A large rectangular area filled with a uniform grid of small black dots, intended for handwriting practice. The dots are arranged in approximately 10 rows and 60 columns.

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This image shows a full page of dot grid paper. It features approximately 20 horizontal rows of small black dots. Each row contains about 60 evenly spaced dots. The dots are arranged in a precise grid pattern across the entire page, providing a guide for writing or drawing without solid lines.

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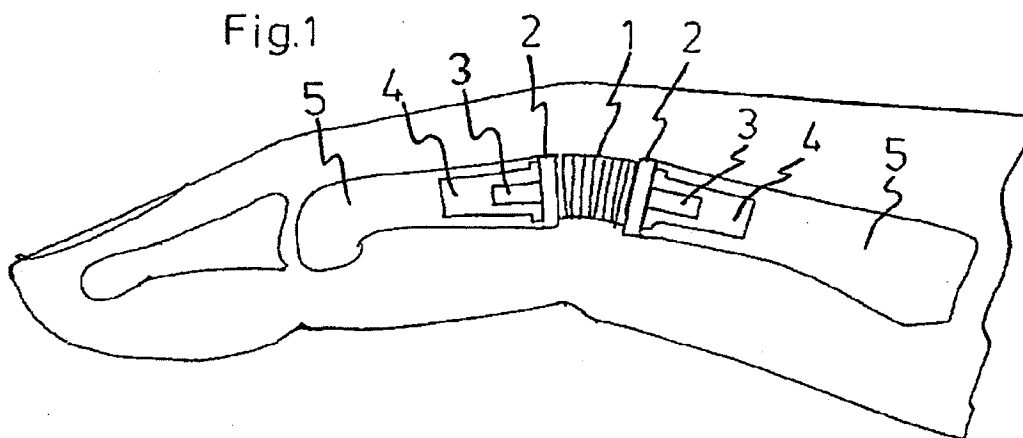
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Fig.1



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Fig.2A

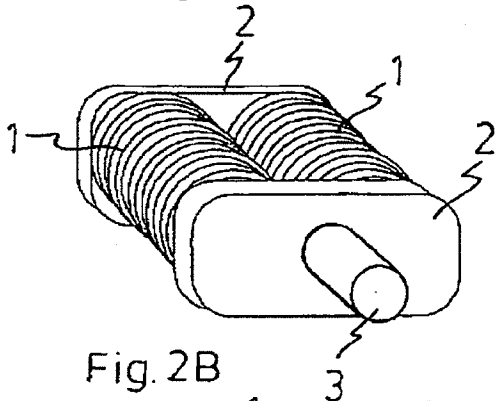


Fig.2B

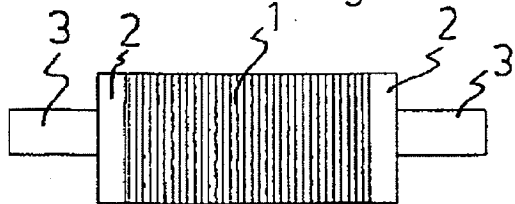


Fig.2C

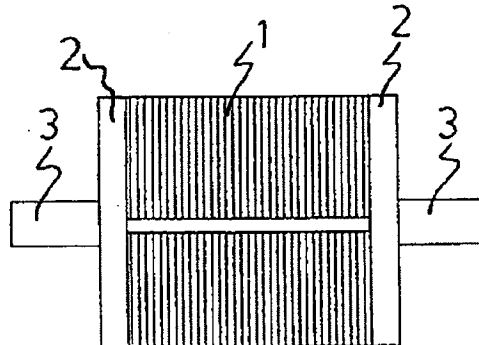
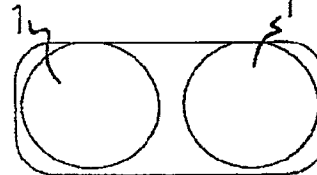


Fig.2D



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Fig.3A

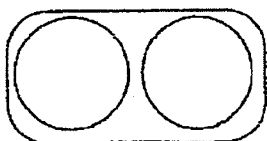


Fig.3B



Fig.3C

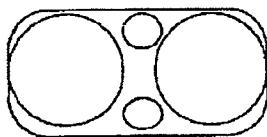


Fig.3D

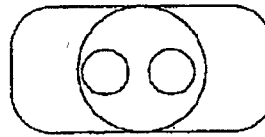


Fig.3E

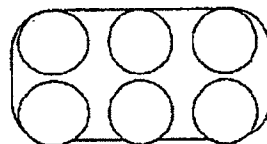


Fig.3F

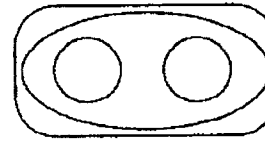


Fig.3G

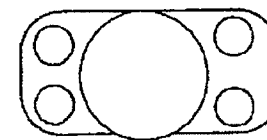
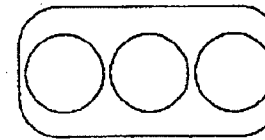


Fig.3H



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Fig.4A

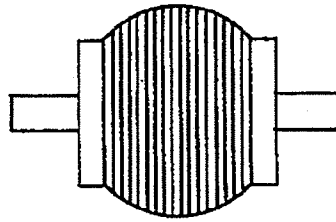


Fig.4B

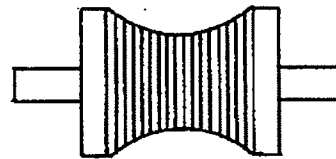


Fig.4C

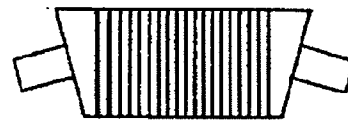
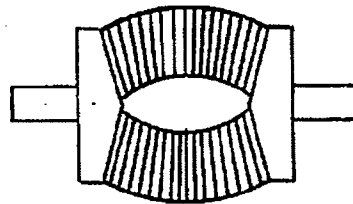


Fig.4D



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 97/00093

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: A61F 2/30 // A 61 F 2/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC6: A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPDOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9107149 A1 (AB VOLVO), 30 May 1991 (30.05.91), page 3, line 6 - line 23, figures 1-4 ---	1-4, 7-8, 15-16
A	WO 9116014 A1 (MEDEVELOP AB), 31 October 1991 (31.10.91), page 7, line 23 - line 35, figures 13-14 ---	1, 3, 16
A	EP 0057597 A2 (DEC EUROPE LIMITED), 11 August 1982 (11.08.82) ---	1, 16
A	US 3990116 A (I.E. FIXEL ET AL.), 9 November 1976 (09.11.76), column 3, line 63 - column 4, line 6, figure 3 ---	1-4, 16

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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"Z" document member of the same patent family

Date of the actual completion of the international search

21 May 1997

Date of mailing of the international search report

22.05.97

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Leif Brander
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT
Information on patent family members

02/04/97

International application No.
PCT/SE 97/00093

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9107149 A1	30/05/91	EP 0502039 A JP 4503025 T SE 464961 B,C SE 8903838 A	09/09/92 04/06/92 08/07/91 16/05/91
WO 9116014 A1	31/10/91	AT 114235 T AU 7760491 A DE 69105234 D EP 0454645 A,B SE 9001430 D	15/12/94 11/11/91 00/00/00 30/10/91 00/00/00
EP 0057597 A2	11/08/82	CA 1187651 A US 4634445 A	28/05/85 06/01/87
US 3990116 A	09/11/76	NONE	

Form PCT/ISA/210 (patent family annex) (July 1992)

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